

Y7 ATYP (Academically Talented Youth Programme)
Overview 2015-2016
Mondays after school (3:30-5:00pm) & Thursdays lunch (1:00-2:00pm)

Last Updated: 25 October 2015

Week	Date (Monday After school)	Review Y6 Advance topic Y7/Y8	Core Content / Classwork	Homework	Due Date	Recreational Math Team (Thursday Lunch)
1	24 Aug 2015	FIRST DAY OF SCHOOL (HALF DAY)	27 Aug 2015 (Thu) Orientation lesson 1. Buy MM text book and workbook 2. Brief explanation of CAS ATYP and Recreational Math Team 3. Lunch arrangement and first meeting			
2	31 Aug 2015		STAFF PHOTO DAY			3 Sep 2015 70 th anniversary day of the victory of the Chinese People's
3	07 Sep 2015	VSAY7: Directed Numbers The number system: H MYP2 Ch1, 3, 4, 5, 8 NTS1 Ch1 ATYP: Indices and Standard Form MM3 Ch1	Introduction for ATYP Course structure and outline/ Homework arrangement/ Assessment arrangement MM3 Ch1 – Indices and Standard Form 1.8 Standard Form (p.25-29) Activity 1: MM3 WB (p.1) Activity 2: MM3 WB (p.2-3) 1.7 Very large and very small numbers (p.22-25) Activity 3: MM3 WB (p.4-5) Activity 4: MM3 WB (p.6-7)	MM3 Ex1F MM3 WB Ch1 Ex1,2 (Q1,4,7,10...; a,d,g...)	14 Sep 2015	10 Sep 2015 Introduction to CAS clubs ASMA practice paper (2011-12 Contest #1 – 2011 October) Math Games – 24 points game – online games/ card games Individual help for homework
4	14 Sep 2015		MM3 Ch1 – Indices and Standard Form (continue) 1.9 Calculators and Standard Form (p.31-34) 1.1 Index Notation (p.2-3) 1.2 Addition of Indices - First Law of Indices (p.3-5) Activity 5: MM3 WB (p.8) 1.3 Subtraction of Indices - Second Law of Indices (p.6-7) Activity 6: MM3 WB (p.9) 1.4 Zero and Negative Indices (p.8-10)	MM3 Ex1 ABC + FG MM3 WB Ch1 Ex1,2, 3, 4,5 (Q2,5,8,11...; b,e,h,k...)	21 Sep 2015	17 Sep 2015 Check and discuss the answer of ASMA Contest #1 (2011 October) Review of the existing Math competition schedule Info about Hua Xia Cup (deadline 25 Sept) 1. Application (parent nominated only - limited seats) 2. Past paper Y6/ Y7
5	21 Sep 2015		MM3 Ch1 – Indices and Standard Form (continue) 1.5 More Laws of Indices – Third Law of Indices (p.11-12) Fourth Law of Indices (p.13-15) 1.6 Fractional Indices (p.16-21) Concept Check: Test Yourself MM3 (p.36)	MM3 1ABCDEFGF + cp1 MM3 WB Ch1 Ex1,2,3,4,5,6,7,8 + Revision Exercise 1 (Q3,6,9,12...; c,f,i,l...)	*29 Sep 2015 (Tue)	24 Sep 2015 Year 6 Camp (will not join the NAT#1 Year 7 ATYP will join the NAT#1 This 100-problem, 30-minute competition is a fast-paced test of a student's familiarity with basic math team skills
6	28 Sep 2015		Day after Mid Autumn Festival			01 Oct 2015 National Day Public Holiday
7	05 Oct 2015	VSAY7: Algebra Pattern and sequence H MYP2 Ch9, 10 NTS1 Ch2,4,7 ATYP: Algebraic Manipulation MM3 Ch2	MM3 Ch2 – Algebraic Manipulation 2.1 Expanding Products of Algebraic Expressions (p.43-45) 2.2 Addition and Subtraction of Algebraic Fractions (p.46-53) 2.3 Changing the Subject of a Formula (p.54-60) Activity 1: MM3 WB (p.22)	MM3 1ABCDEG + cp1 + 2ABC + cp2 MM3 WB Ch1 Ex3,4,5,6,7,8 + Revision Exercise 1 + Ch2 Ex1,2,3 + Revision Exercise 2 (Q1,4,7,10...; a,d,g,j...)	12 Oct 2015	08 Oct 2015 ASMA #1 This is an individual 35 minutes test of 7 questions. The highest 8 scores of the team will be submitted to ASMA, house points will be given. Accumulated results of 6 contests will be announced in April. •Decide who join the competition (HKPMC Y6)
8	12 Oct 2015	VSA-Y8 Inequalities in one unknown NTS2 Ch8 ATYP: Solutions of equations and inequalities MM2 Ch3	MM2 Ch3 – Solutions of equations and inequalities 3.1 Linear equation in one unknown (p.82-89) 3.2 Solving simple fractional equations (p.90-95) MM2 WB Ch3 Class activity 2 (p.51) 3.3 Solving simple inequalities with positive coefficients of x (p.95-99) 3.4 Simultaneous equations: The substitution Method (p.101-104) MM3 WB Ch3 Class activity 3 (p.52)	MM3 1DE + cp1 MM3 WB Ch1 Ex6,7,8 + Revision Exercise 1 + Ch2 Ex1,2,3 + Revision Exercise 2 MM2 3ABCD MM2 WB Ch3 EX1,2,3,4 (Q2,5,8,11...; b,e,h,k...)	*26 Oct 2015	15 Oct 2015 • Return NAT#1 & ASMA#2 Discuss answers • Y6 do group questions for HKPMC • Y7 do more questions on NAT#1
9	19 Oct 2015		Mid Term Break			

Week	Date (Monday After school)	Review Y6 Advance topic Y7/Y8	Core Content / Classwork	Homework	Due Date	Recreational Math Team (Thursday Lunch)
10	26 Oct 2015		MM2 Ch3 – Solutions of equations and inequalities (continue) 3.5 Simultaneous Equations: The Elimination Method (p.104-107) 3.6 Simultaneous Equations: The Graphical Method (p.107-113) 3.7 Word Problems Involving Linear Equations in One Unknown (p.113-119) 3.8 Word Problems Involving Simultaneous Linear Equations (p.119-122)	MM2 3ABCDEFGH + cp3 MM2 WB Ch3 EX1,2,3,4,5,6,7,8 + Revision Exercise 3 (Q3,6,9,12...; c,f,i,l...)	02 Nov 2015	29 Oct 2015 Info about HKMO (IMO) 1. Application (school team 4/year group), (parent nominated - limited seats) 2. Past paper Y6/ Y7
11	02 Nov 2015	VSAY7: Parallel lines, Angles, Triangle proofs NT Ch3, 13 H&H MYP 2 Ch2,10 VSAY8: Areas & Volume NTS2 Ch10	MM2 Ch5 – Polygons and Geometrical 5.1 Triangles (p.165-171) 5.2 Quadrilaterals (p.171-176) Activity 1: MM2 WB (p.84) 5.3 Angles Properties of Polygon (p.177-182) Activity 2: MM2 WB (p.86) Activity 3: MM2 WB (p.90) Concept Check: Test Yourself MM3 (p.54)	MM3 2ABC + cp2 MM3 WB Ch2 Ex1,2,3 + Revision Exercise 2 MM2 3ABCDEFGH + cp3 MM2 WB Ch3 EX1,2,3,4,5,6,7,8 + Revision Exercise 3 MM2 5ABC MM2 WB Ch5 Ex1,2,3 (Q1,4,7,10...; a,d,g,j...)	09 Nov 2015	05 Nov 2015 NAT #2 2014 Team Scramble This is a 100-problem, 30-minute test in which your entire team races to complete a single answer sheet, exercising collaborative and organizational skills in addition to mathematical skills in a variety of topics.
12	09 Nov 2015	ATYP: Polygons and Geometrical MM2 Ch5	MM2 Ch5 – Polygons and Geometrical (continue) 5.4 Basic Geometrical Construction (p.182-191) Activity 4: MM2 WB (p.95) 5.5 Construction of Geometrical Figures (p.191-196) Activity 5: MM2 WB (p.99) Concept Check: Test Yourself MM3 (p.62)	MM3 2ABC + cp2 MM2 3EFGH + cp3 MM2 WB Ch3 EX5,6,7,8 + Revision Exercise 3 MM2 5ABCDE + cp5 MM2 WB Ch5 Ex1,2,3,4,5 + Revision Exercise 5 (Q2,5,8,11...; b,e,h,k...)	16 Nov 2015	12 Nov 2015 ASMA #2 This is an individual 35 minutes test of 7 questions.
13	16 Nov 2015	ATYP: Congruence MM2 Ch6	MM2 Ch6 – Congruence 6.1 Congruent Figures (p.204-208) Activity 1: MM2 WB (p.114) Activity 2: MM2 WB (p.119-121) 6.2 Sides and Angles of Congruent Figures (p.209-211) Concept Check: Test Yourself MM2 (p.100)	MM2 5ABCDE + cp5 + 6AB + cp6 MM2 WB Ch5 Ex1,2,3,4,5 + Revision Exercise 5 + Ch6 Ex1,2 + Revision Exercise 6 (Q3,6,9,12...; c,f,i,l...)	23 Nov 2015	17 Nov 2014 15:30 AMC-8 19 Nov 2014 Go over answer of ASMA#2 Maths Game: Blokus / Master Mind / Pythagoras' Puzzles (1/3)
14	23 Nov 2015	ATYP: Similarity MM3 Ch3	MM3 Ch3 – Similarity 3.1 Similar Figures (p.67-77) Activity 1: MM3 WB (p.33-38) Activity 2: MM3 WB (p.39-41) 3.2 Enlargement and Reduction (p.77-85) 3.3 Scale Drawing (p.85-92) Activity 3: MM3 WB (p.42-43)	MM2 DE + cp5 + 6AB + cp6 MM2 WB Ch5 Ex4,5 + Revision Exercise 5 + Ch6 Ex1,2 + Revision Exercise 6 MM3 3ABC + cp3 MM3 WB Ch3 Ex1,2,3 + Revision Exercise 3 (Q1,4,7,10...; a,d,g,j...)	30 Nov 2015	26 Nov 2015 Maths Game: Blokus / Master Mind / Pythagoras' Puzzles (2/3)
15	30 Nov 2015	VSAY7: Circle H&H MYP 2 Ch17 ATYP: Symmetry Properties of Circles MM3 Ch9	MM3 Ch9 – Symmetry Properties of Circles 9.1 Chords and Tangents (p.265-268) 9.2 Perpendicular Bisector of a Chord (p.270-275) Activity 1: MM3 WB (p.149-150) 9.3 Equal Chords (p.275-279) Activity 2: MM3 WB (p.151-152)	MM2 6AB + cp6 MM2 WB Ch6 Ex1,2 + Revision Exercise 6 MM3 3ABC + cp3 + 9ABC MM3 WB Ch3 Ex1,2,3 + Revision Exercise 3 + Ch9 Ex1,2,3 (Q2,5,8,11...; b,e,h,k...)	*04 Jan 2016	03 Dec 2015 Y8-Y11 SAW week Introduction to 香港初中數學奧林匹克全國青少年數學論壇選拔賽 及 數學建模小論文評選 (2015—2016) Grouping and start thinking about the modeling paper (not more than 3 students per group) Given: IMOHKC/ HKAGE / Past paper practices #1 (2014)
16	7 Dec 2016	CAS Trip Week				
17	14 Dec 2016	IDU Week (Extension of CAS Trip)				
18	21 Dec 2016	CHRISTMAS HOLIDAY & NEW YEAR HOLIDAY				
19	28 Dec 2016					
20	04 Jan 2016		MM3 Ch9 – Symmetry Properties of Circles (continue) 9.4 Properties of Tangents (p.279-282) Activity 3: MM3 WB (p.153) Activity 3: MM3 WB (p.154) Activity 5: MM3 WB (p.155) Tangents from an External Point (p.282-288)	MM3 3ABC + cp3 + 9ABCDE + cp9 MM3 WB Ch3 Ex1,2,3 + Revision Exercise 3 + Ch9 Ex1,2,3,4,5 + Revision Exercise 9 (Q3,6,9,12...; c,f,i,l...)	11 Jan 2016	07 Jan 2016 ASMA #3 (this is original the Dec contest) This is an individual 35 minutes test of 7 questions.

Week	Date (Monday After school)	Review Y6 Advance topic Y7/Y8	Core Content / Classwork	Homework	Due Date	Recreational Math Team (Thursday Lunch)
21	11 Jan 2016		Review and Catch up MM2 Ch5, Ch6 + MM3 Ch3 + Ch9 All about Geometry <u>Concept Check: Test Yourself MM2 (p.197)</u> <u>Concept Check: Test Yourself MM2 (p.212)</u> <u>Concept Check: Test Yourself MM2 (p.93)</u> <u>Concept Check: Test Yourself MM2 (p.288)</u>	MM3 9ABCDE + cp9 MM3 WB Ch9 Ex1,2,3,4,5 + Revision Exercise 9 Test Yourself MM2 (p.197, p.212) Test Yourself MM3 (p.93, p.288) (Q1,4,7,10...; a,d,g,j...)	18 Jan 2016	14 Jan 2016 ASMA #4 This is an individual 35 minutes test of 7 questions. *Decide topic & who will join the IMOHKC/HKAGE (Deadline for application 30 Jan) (Y6: decide grouping) (Y7: decide topic)
22	18 Jan 2016	VSAY7: Algebra Linear equation in two unknowns NTS1 Ch11 VSAY8: Algebra Identities and Factorization NTS2 Ch3 Algebraic fractions NTS2 Ch9 ATYP: Quadratic Equations MM3 Ch8	MM3 Ch8 – Quadratic Equations 8.1 Quadratic Equations (p.235) 8.2 Solving Quadratic Equations by Graphical Method (p.235-239) 8.3 Solving Quadratic Equations by Factorization (p.240-242) 8.4 Solving Quadratic Equations by Completing the Square (p.243-247) Activity 1: MM3 WB (p.127-128) Activity 2: MM3 WB (p.129-130)	MM3 9DE + cp9 + 8ABC MM3 WB Ch9 Ex 4,5 + Revision Exercise 9 + Ch8 Ex1,2,3 (Q2,5,8,11...; b,e,h,k...)	25 Jan 2016	21 Jan 2016 Go over answer of ASMA#3 & ASMA#4 Start working on the group work - modeling paper
23	25 Jan 2016		MM3 Ch8 – Quadratic Equations (continue) 8.5 Solving Quadratic Equations by Formula (p.248-251) 8.6 Solving Fractional Equations (p.252-255) 8.7 Quadratic Equations in Applications (p.256-259) Activity 3: MM3 WB (p.131)	MM3 8ABCDE + cp8 MM3 WB Ch8 Ex1,2,3,4,5,6 + Revision Exercise 8 (Q3,6,9,12...; c,f,i,l...)	22 Feb 2016	28 Jan 2016 Maths Game: Blokus / Master Mind / Pythagoras' Puzzles (3/3)
24	01 Feb 2016		PTS Day			04 Feb 2016 ASMA #5 (start at 1:15) This is an individual 35 minutes test of 7 questions. NAT #4 (start at 3:40pm) 2015 Four-by-Four Competition This is a single test consisting of ten rounds of four problems each, each round to be taken in three minutes by a team of four students. Each round will contain both easy and difficult questions and cover a variety of topics.
25	8 Feb 2016		CHINESE NEW YEAR HOLIDAY			
26	15 Feb 2016					
27	22 Feb 2016	VSAY8: Algebra Pythagoras' Theorem NTS2 Ch6 ATYP: Pythagoras' Theorem MM3 Ch4	MM3 Ch4 – Pythagoras' Theorem 4.1 Pythagoras' Theorem (p.101-109) Activity 1: MM3 WB (p.55) Activity 2: MM3 WB (p.59) Activity 3: MM3 WB (p.60) 4.2 Determining whether a triangle is right-angled (p.110-111) Activity 4: MM3 WB (p.61) Activity 5: MM3 WB (p.62) 4.3 Application of Pythagoras' Theorem (p.112-117)	MM3 8ABCDE + cp8 + 4ABC + cp4 MM3 WB Ch8 Ex1,2,3,4,5,6 + Revision Exercise 8 + Ch4 Ex1,2,3 + Revision Exercise 4 (Q1,4,7,10...; a,d,g,j...)	29 Feb 2016	25 Feb 2016 Go over answer of ASMA#5 Maths Game: Nine rings (九連環) – (Nichole teach) Hanoi Tower (漢諾塔) Logic Puzzles – online/ipad (1/3)
28	29 Feb 2015	VSAY8: Algebra Trigonometry NTS2 Ch11 ATYP: Introduction to Trigonometry MM3 Ch5	MM3 Ch5 – Introduction to Trigonometry 5.1 Naming sides of a right-angled Triangle (p.124-126) 5.2 Trigonometric Ratios – Tangent Ratio (p.127-134) Activity 1: MM3 WB (p.72-73) Sine Ratio (p.135-141) Cosine Ratio (p.142-147) Activity 2: MM3 WB (p.74-75)	MM3 8DEF + cp8 + 4ABC + cp4 + 5ABCD MM3 WB Ch8 Ex 4,5,6 + Revision Exercise 8 + Ch4 Ex1,2,3 + Revision Exercise 4 + Ch5 Ex1,2,3,4 (Q2,5,8,11...; b,e,h,k...)	07 Mar 2016	03 Mar 2016 Group work on modeling paper Draft finish / teacher give feedback
29	07 Mar 2016		MM3 Ch5 – Introduction to Trigonometry (continue) 5.3 Solving right-angled triangles (p.147-153) Activity 3: MM3 WB (p.76) 5.4 Applications of Trigonometric Ratios (p.153-156)	MM3 4ABC +cp4 + 5ABCDE +cp5 MM3 WB Ch4 Ex1,2,3 + Revision Exercise 4 + Ch5 Ex1,2,3,4,5,6 + Revision Exercise 5 (Q3,6,9,12...; c,f,i,l...)	14 Mar 2016	10 Mar 2016 ASMA #6 This is an individual 35 minutes test of 7 questions.
30	14 Mar 2016	VSAY7: Coordinate Geometry NTS1 Ch9 H MYP2 Ch19 ATYP: Coordinate Geometry MM3 Ch6	MM3 Ch6 – Coordinate Geometry 6.1 Length of a line segment (p.163-167) Activity 1: MM3 WB (p.90-91) 6.2 Gradient of a Straight Line (p.168-p.171) Activity 2: MM3 WB (p.92-93)	MM3 5ABCDE + cp5 + 6AB MM3 WB Ch5 Ex1,2,3,4,5,6 + Revision Ex 5 + Ch6 Ex1,2 (Q1,4,7,10...; a,d,g,j...)	21 Mar 2016	17 Mar 2016 Go over answer of ASMA#6 Maths Game: Nine rings (九連環) – (Nichole teach) Hanoi Tower (漢諾塔) Logic Puzzles – online/ipad (2/3)

Week	Date (Monday After school)	Review Y6 Advance topic Y7/Y8	Core Content / Classwork	Homework	Due Date	Recreational Math Team (Thursday Lunch)
31	21 Mar 2016		MM3 Ch6 – Coordinate Geometry (continue) 6.3 Equation of a straight line (p.172-176) 6.4 Geometric Problems (p.177-p.181)	MM3 5EF + cp5 + 6ABCD + cp4 MM3 WB Ch5 Ex5,6 + Revision Ex 5 + Ch6 Ex1,2,3,4 + Revision Exercise 6 (Q2,5,8,11...; b,e,h,k...)	*18 Apr 2016	24 Mar 2016 Group work on modeling paper Presentation (internal competition)
32	28 Mar 2016		EASTER HOLIDAY			
33	04 Apr 2016		CHING MING FESTIVAL			07 Apr 2016 Maths Game: Nine rings (九連環) – (Nichole teach) Hanoi Tower (漢諾塔) Logic Puzzles – online/ipad (3/3)
34	11 Apr 2016		SPORTS DAY			14 Apr 2016 Group work on modeling paper Amended draft and hand in final copy
35	18 Apr 2016	VSAY7: Rate and Ratios NTS1 Ch12 H MYP2 Ch14, 20 ATYP: Map Scale and Proportion MM2 Ch4	MM2 Ch4 – Map Scale and Proportion 4.1 Map Scale (p.130-136) Activity 1: MM2 WB (p.70-71) 4.2 Direct Proportion (p.137-p.140) 4.3 Algebraic Representation of Direct proportion (p.140-146) Activity 2: MM2 WB (p.72-73)	MM3 6ABCD + cp4 MM3 WB Ch6 Ex1,2,3,4 + Revision Exercise 6 MM2 4ABC MM2 WB Ch4 Ex1,2,3 (Q3,6,9,12...; c,f,i,l...)	*09 May 2016	21 Apr 2016 Maths Game Catch up with ATYP HW *Prepare Math house competition (assist CAS Club)
36	25 Apr 2016		DAY IN LIEU OF FAMILY FUN DAY			28 Apr 2016 Catch up with ATYP HW *Prepare for the ATYP SAW
37	02 May 2016		DAY IN LIEU OF LABOUR DAY			05 May 2016 Catch up with ATYP HW *Prepare for the ATYP SAW
38	09 May 2016		MM2 Ch4 – Map Scale and Proportion (continue) 4.4 Inverse Proportion (p.147-150) 4.5 Algebraic representation of Inverse Proportion (p.151-156) Activity 3: MM2 WB (p.74-75)	MM3 6CD + cp4 MM3 WB Ch6 Ex1,2,3,4 + Revision Exercise 6 MM2 4ABCDE+ cp4 MM2 WB Ch4 Ex1,2,3,4,5 + Revision Exercise 4 (Q1,4,7,10...; a,d,g,j...)	16 May 2016	12 May 2016 Catch up with ATYP HW *Prepare for the ATYP SAW
39	16 May 2016	Review for ATYP SAW	Review for SAW Concept Check: Test Yourself MM3 (p.111) Concept Check: Test Yourself MM3 (p.156) Concept Check: Test Yourself MM3 (p.181) Concept Check: Test Yourself MM2 (p.154)	MM2 4ABCDE+ cp4 MM2 WB Ch4 Ex1,2,3,4,5 + Revision Exercise 4 (Q2,5,8,11...; b,e,h,k...)	23 May 2016	19 May 2016 Catch up with ATYP HW *Prepare for the ATYP SAW
40	23 May 2016	ATYP: Graphs of Functions MM3 Ch7	MM3 Ch7 – Graphs of functions 7.1 Quadratic Functions Plotting Non-linear graphs (p.188-192) Activity 1: MM3 WB (p.107-108) Gradients of Non-linear curves (p.192-197) Activity 2: MM3 WB (p.109-110) Properties of Quadratic Curves (p.197-p.201) Sketching graphs of quadratic functions (p.202-205)	MM2 4DE+ cp4 MM2 WB Ch4 Ex 4,5 + Revision Exercise 4 MM3 7AB MM3 WB Ch7 Ex 1,2 (Q3,6,9,12...; c,f,i,l...)	*06 Jun 2016	26 May 2016 Catch up with ATYP HW *Prepare for the ATYP SAW
41	30 May 2016 SAW		SUMMATIVE ASSESSMENT WEEK (*ATYP SAW WILL BE SCHEDULED ON THIS WEEK)			
42	06 Jun 2016		MM3 Ch7 – Graphs of functions (continue) 7.2 Cubic Functions (p.206-211) Activity 3: MM3 WB (p.111) 7.3 Functions $y=a/s$ and $y=a/x^2$ (p.211-220) 7.4 Sums of Functions (p.220-224) 7.5 Exponential Functions (p.224-228)	MM3 7ABCDEF + cp7 MM3 WB Ch7 Ex 1,2,3,4,5,6 + Revision Exercise 7 (Q1,4,7,10...; a,d,g,j...)	13 Jun 2016	09 Jun 2016 Dragon Boat Festival

Week	Date (Monday After school)	Review Y6 Advance topic Y7/Y8	Core Content / Classwork	Homework	Due Date	Recreational Math Team (Thursday Lunch)
43	13 Jun 2016		MM3 Ch7 – Graphs of functions (continue) Catch up with the whole chapter	MM3 7ABCDEF + cp7 MM3 WB Ch7 Ex 1,2,3,4,5,6 + Revision Exercise 7 (Q2,5,8,11...; b,e,h,k...)	*Last HW 20 Jun 2016	16 Jun 2016 House Day (TBC)
44	20 Jun 2016		Check last homework	NA	NA	23 Jun 2016 Last meeting Celebration Party
45	27 Jun 2016 Last Day of school	LAST WEEK / LAST DAY / SUMMER HOLIDAY STARTED				

Main Textbook and workbook (*Chapter covered)

*MM2 – Mathematics Matter Textbook Normal (Academic) Secondary 2 – Marshall Cavendish Education (*3,4,5,6)

*MM2 WB– Mathematics Matter Workbook Normal (Academic) Secondary 2 – EPB Pan Pacific (*3,4,5,6)

*MM3 – Mathematics Matter Textbook Normal (Academic) Secondary 3 – Marshall Cavendish Education (*1,2,3,4,5,6,7,8,9)

*MM3 WB– Mathematics Matter Workbook Normal (Academic) Secondary 3 – EPB Pan Pacific (*1,2,3,4,5,6,7,8,9)

For VSA Year 7 Review topics (*Chapter covered)

*H&H MYP2 – Mathematics for the international students 7 MYP 2 by Haese *et al.* Haese & Harris Publications (*1,3,4,5,8,9,10,14,17,19,20)

*NTS1 – New Trend Secondary 1 – Chung Tai publisher (including 1A and 1B) (*1,2,3,6,9,10,12,13)

For VSA Year 8 topics (*Chapter covered)

*NTS2 – New Trend Secondary 2 – Chung Tai publisher (including 2A and 2B) (*1,5,6,8,9,10,11,12)